

KSC LIST OF CRANES USED FOR LOAD TESTING (NOTE 1)

Updated March 2015

Primary organizations having design, procurement, operations and maintenance of lifting equipment are responsible for submitting requests for changes to the Lifting Equipment Devices Manager (LDEM), with rationale to the list of cranes used for load testing. The LDEM will approve/disapprove changes to the list. Requests for changes to the list shall state what load testing will be performed and should include the following:

- a. Design standard(s).
- b. Design safety factor(s).
- c. Test history.
- d. Operations history.
- e. Maintenance history.
- f. Other acceptance rationale to perform the load testing.

CRANE DESCRIPTION**ALLOWED LOAD TEST % (NOTE 2)****TEST OPERATIONS SUPPORT ONTRACT**

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| VAB 325-Ton Bridge Cranes | 50 |
| VAB 250-Ton Bridge Cranes | 50 |
| VAB 175-Ton Bridge Crane | 50 |
| K6-1996 5-Ton Monorail Crane | 100 |
| K6-1996 2-Ton Monorail Crane | 100 |
| Linkbelt 75-Ton Mobile Crane (202-031) | 75 |
| Linkbelt 250-Ton Mobile Crane | 75 |
| Linkbelt 40-Ton Mobile Crane | 75 |
| Tadano 130-Ton Mobile Crane | 75 |
| Broderson 9 -Ton Mobile Crane | 75 |
| PHSF 50-Ton Bridge Cranes | 50 |
| MPPF 20-Ton Bridge Crane | 50 |

INSTITUTIONAL SUPPORT CONTRACT

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| Linkbelt 22-Ton Mobile Crane | 75 |
| Linkbelt 75-Ton Mobile Crane (202-104) | 75 |
| Broderson 8.5-Ton Mobile Crane | 75 |
| Terex RT 35-Ton Crane | 75 |
| Lorain 7.5 ton Crane | 75 |

ENGINEERING SERVICES CONTRACT

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|-----------------------------|----|
| M7-505 10-Ton Bridge Cranes | 50 |
| P&H 50-Ton Mobile Crane | 75 |

NOTES:

1. Load test requirements in KNPR 8715.3, Section 11.1, LOAD TESTING, shall be adhered to as well as Appendix D in NASA-STD-8719.9, CRANE/HOIST REQUIREMENTS TO LOAD TEST OTHER LIFTING EQUIPMENT.
2. Allowed load tests % is calculated based on the crane's rated capacity.